



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Loscalzo**

Application No.: **Not Yet Assigned**

Filed: **October 20, 2003**

For: **Methods of Treating Vascular Diseases Characterized by Nitric Oxide Insufficiency**

Docket No: 102258.170US1

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449 Form.

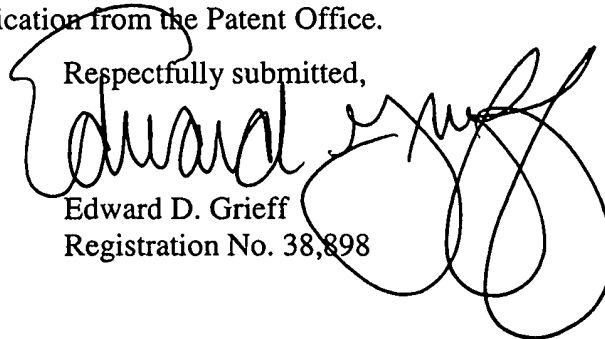
A copy of each of the cited references is not submitted herewith since they were filed and/or cited in one of the applications to which the present application claims priority. 37 CFR § 1.98(d).

The submission of this Information Disclosure Statement does not represent that a search has been made and does not constitute an admission that the listed documents are material to patentability or that the listed documents are prior art.

This Information Disclosure Statement is being submitted before the mailing date of a first office action on the merits or a notice of allowance. Accordingly, no fee is due.

Applicants respectfully request that the Examiner initial and return a copy of the enclosed PTO-1449 Form with the next communication from the Patent Office.

Respectfully submitted,



Edward D. Grieff
Registration No. 38,898

Date: October 20, 2003
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OCT 17 2006

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Sheet	1	of	
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Application Number	10/687,706
Filing Date	
First Named Inventor	Loscalzo
Group Art Unit	
Examiner Name	
Attorney Docket Number	102258 170US2

[illegible][illegible]

Date Considered

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet <u>2</u> of <u>5</u>			Complete if Known	
			Application Number	10/687,706
			Filing Date	
			First Named Inventor	Loscalzo
			Group Art Unit	
			Examiner Name	
			Attorney Docket Number	102258.170US2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T ²
		Dupuis, Cardiovascular Drugs and Therapy, 8(3):501-507 (1994).	
		Cohn et al, The New England Journal of Medicine, 325(5):303-310 (1991).	
		Cohn et al, The New England Journal of Medicine, 314(24):1547-1552 (1986).	
		Carson et al, Circulation, Supplement I, 92(8):I31-I32, Abstract No. 0145 (1995).	
		Francis et al, Circulation, Supplement VI, 87(6):VI40-VI48 (1993).	
		Pierpont et al, Chest, 73(1):8-13 (1978).	
		Massie et al, The American Journal of Cardiology, 40:794-801 (1977).	
		Kaplan et al, Annals of Internal Medicine, 84:639-645 (1976).	
		Bauer et al, Circulation, 84(1):35-39 (1991).	
		The SOLVD Investigators, The New England Journal of Medicine, 327(10):685-691 (1992).	
		Ziesche et al, Circulation, 87(6):VI56-VI64 (1993).	

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		Rector et al, Circulation, 87(6):VI71-VI77 (1993).	
		Carson et al, Journal of Cardiac Failure, 5(3):178-187 (September 10, 1999).	
		Dries et al, The New England Journal of Medicine, 340(8):609-616 (February 25, 1999).	
		Freedman et al, Drugs, 54(Supp. 3):41-50 (1997).	
		Sherman et al, Cardiologia, 42(2):177-187 (1997).	
		Biegelson et al, Coronary Artery Disease, 10-241-256 (1999).	
		Rudd et al, Am. J. Physiol., 277(46):H732-H739 (1999).	
		Hammerman et al, Am. J. Physiol., 277(46):H1579-H1592 (1999).	
		Loscalzo et al, Transactions of the American and Climatological Ass., 111:158-163 (2000).	
		Burnier et al, Hypertension, 22(3):339-347 (September 1993).	
		von Lutterotti et al, American Journal of Hypertension, 4(4 Part 2):346S-349S (1991).	

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		Johnson, Clinical Pharmacy, Vol. 5, pages 536 and 541 (1986).	
		Massie et al, Br. Heart J., 45:376-384 (1981).	
		Turner et al, The American Journal of Cardiology, 47:910-916 (1981).	
		Massie et al, Circulation, 63(3):658-664 (1981).	
		Nelson et al, Journal of Cardiovascular Pharmacology, 5(4):574-579 (1983).	
		Leier et al, Circulation, 63(1):102-109 (1981).	
		Wilson et al, The American Journal of Medicine, 71:627-633 (1981).	
		Biddle et al, J. Clin. Pharmacol., 21:343-350 (1981).	
		Magorien et al, Clinical Research, 27(4):A617 (1979).	
		Turner et al, Clinical Research, 29(2):246A (1981).	
		Hibiya et al, Japanese Circulation Journal, 45:966 (Abstract No. 338) (1981).	

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		Franciosa et al, Circulation, 59(6):1085-1091 (1979).	
		Lanas et al, Rev. Med. Chile, 107:926-930 (1979).	
		Usdin et al, Coeur, 10(1):119-128 (1979).	

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